Underground Injection Control (UIC) Well Registration Form for Non-Municipal Stormwater Roads, Parking, and Roof

The purpose of this form is to register with the Department of Ecology* privately *owned UIC wells that manage stormwater. Use form ECY 040-47c for industrial and commercial facilities.

A. Contact Information

Facility Name and Location

Facility Name _____

Facility Address _____

City _____ State _____ ZIP _____

Phone at the facility _____

County _____

Township, Range, Section, Quarter-Quarter _____

Parcel Number _____

Well Owner

Name _____

Organization _____

Address _____

City _____ State _____ ZIP _____

Phone _____

Technical Contact Person (Engineer, Contractor, Consultant)

Name _____

Organization _____

Address _____

City _____ State _____ ZIP _____

Phone _____

B. Protecting Water Resources

If a UIC well is in a Well Head Protection Area, Critical Aquifer Recharge Area, or other ground water protection area, local government may have additional ordinances or requirements.
Please contact your local city or county for more information.

C. Table 1: Complete Table 1 for all UIC Wells

	1	2	3	4	5	6	7
Owners well ID							
Right-of-way Location							
Construction Date							
Latitude (in decimal degrees)							
Longitude (in decimal degrees)							
[1]EPA well type (see table below)							
Status (Active, Unused, Closed, Proposed)							
[2]UIC construction type							
Depth of UIC well							
Within 1000 feet of surface water?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Within 100 feet of a drinking water well?	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Zoning (Commercial, Residential, Industrial, Other (describe))							
Within a Ground Water Protection Area? (Well Head Protection Zone (WHPZ), Critical Aquifer Recharge Area (CARA), or Other (describe))	☐ No ☐ WHPZ ☐ CARA ☐ Other _____	☐ No ☐ WHPZ ☐ CARA ☐ Other _____	☐ No ☐ WHPZ ☐ CARA ☐ Other _____	☐ No ☐ WHPZ ☐ CARA ☐ Other _____	☐ No ☐ WHPZ ☐ CARA ☐ Other _____	☐ No ☐ WHPZ ☐ CARA ☐ Other _____	☐ No ☐ WHPZ ☐ CARA ☐ Other _____

[1]EPA Class V Well Types (This form may only be used for type 5D2. If you have another well type, please contact us for the correct form.)

5A19 Cooling water return	5A6 Geothermal heat	5W11 Septic system (gen)	5A7 Closed loop heat pump return
5D2 Stormwater	5R21 Aquifer recharge	5W20 Industrial process water	5X26 Aquifer remediation
5D4 Industrial storm runoff	5W9 Untreated sewage	5W31 Septic system (well disposal)	5X27 Other wells
5G30 Special drainage water	5W10 Cesspool	5W32 Septic system (drainfield)	5X28 Motor vehicle waste

[2]Well Construction Type Abbreviations: DW - Drywell; DF – Drainfield; IT - Infiltration Trench with Perforated Pipe, O - Other (describe)

D. Table 2: For UIC Stormwater wells constructed on or after 2/3/2006.

Ecology will determine rule authorization for new UIC wells with the information collected in Table 2. The pretreatment described below only treats stormwater containing solids, metals or oil.

	1	2	3	4	5	6	7
Well ID name or number							
Type of drainage area[1]	☐ P/D ☐ NP Roof ☐ Metal Roof ☐ Road	☐ P/D ☐ NP Roof ☐ Metal Roof ☐ Road	☐ P/D ☐ NP Roof ☐ Metal Roof ☐ Road	☐ P/D ☐ NP Roof ☐ Metal Roof ☐ Road	☐ P/D ☐ NP Roof ☐ Metal Roof ☐ Road	☐ P/D ☐ NP Roof ☐ Metal Roof ☐ Road	☐ P/D ☐ NP Roof ☐ Metal Roof ☐ Road
At least five feet between the well and the water table?	☐ Yes ☐ No ☐ Unknown	☐ Yes ☐ No ☐ Unknown	☐ Yes ☐ No ☐ Unknown	☐ Yes ☐ No ☐ Unknown	☐ Yes ☐ No ☐ Unknown	☐ Yes ☐ No ☐ Unknown	☐ Yes ☐ No ☐ Unknown
Treatment capacity of the vadose zone from Table 7.2 [2, 3] *If minimum thicknesses are NOT present at the site, or are unknown, select "None" (no treatment capacity).*	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High	☐ None ☐ Low ☐ Medium ☐ High
Pollutant loading classification from Table 7.3 [2]	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High	☐ Insignificant ☐ Low ☐ Medium ☐ High
Pretreatment from Table 7.4 [1,3]	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil	☐ None ☐ Two-stage Dry Well ☐ Remove solids ☐ Remove oil ☐ Remove solids & oil
Pretreatment selected from stormwater manual (catch basin, swale, etc.) [3]							

[1] Type of drainage area abbreviations: P/D = Parking Lot or Driveway; NP Roof = Nonpollutant Generating Roof (includes asphalt roofs)

[2] For these tables and how to use them, see the Guidance for UIC Wells that Manage Stormwater: http://www.ecy.wa.gov/biblio/0510067.html

[3] The minimum thickness requirements from this table must be met along with the type of vadose zone material. The vadose zone is the zone between the top of the water table and the land surface.

[4] See the Western or Eastern Stormwater Manual for pre-treatment to remove solids and oil.
Western Washington Stormwater Manual: http://www.ecy.wa.gov/programs/wq/stormwater/manual.html
Eastern Washington Stormwater Manual: http://www.ecy.wa.gov/biblio/0410076.html

Signature of authorized representative

I hereby certify that the information contained in this registration is true and correct to the best of my knowledge.

Name of legally authorized representative	Title
Signature of legally authorized representative	Date

For Department Use Only	
Site ID:	
Date received:	
Date acknowledged:	
Date Entered:	
Final Disposition:	

Please send completed form to: UIC Coordinator, Water Quality Program, Washington Department of Ecology, P.O. Box 47600, Olympia, WA 98504-7600

If you need this publication in an alternate format, please call the Water Quality Program at 360-407-6404. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

Instructions to Complete the UIC Registration Form for Non-Municipal Stormwater Roads, Parking, and Roof

A. Contact Information

Well Owner: Provide the well owner's name, organization, address, and phone number. Property Owner: Complete if different then the Well owner

Technical Contact: Provide the name, organization, address, and telephone number of the person to contact in case there are any questions about this registration.

B. Protecting Water Resources

Examples of ground water protection areas;

- A well head protection area is a designated area around a drinking water well to help protect the drinking water supply from contamination. Contact your local health jurisdiction to determine if your UIC wells are located in a well head protection area.
- A critical aquifer recharge area (CARA) is defined as the geographic areas where an aquifer that is a source of drinking water is vulnerable to contamination that would affect its use. Contact your county or city planning department for more information.

C. Table 1: Complete for all UIC wells

- Well ID: Provide your identification number for the well.
- Right of Way Location.
- Construction Date: Provide the approximate date the well was installed.
- Latitude and longitude: Enter the latitude and longitude in decimal form for each UIC well. Visit http://ww4.doh.wa.gov/scripts/esrimap.dll?Name=geoview&Cmd=Map and type the address in at the bottom of the screen. Locational information including latitude and longitude will be found in a table below the map.
- EPA well type: EPA well types are listed in the Table 1 below.
- Status: Active if the well is in use; unused if well is not in use, closed, or proposed if the well is in the design phase.
- Construction Type: Provide the well construction type and use the following abbreviations: DW - Drywell; DF – Drainfield; IT - Infiltration Trench with Perforated Pipe; O – Other (describe).
- Well depth: Provide the approximate well depth.
- Check off if the UIC well is within 1000 feet of a surface water body, such as a lake, river, or stream.
- Check off if the UIC well is within 100 feet of a drinking water well.
- Zoning: List the county zoning designation.
- Check the appropriate box if your UIC wells are located in a Ground Water Protection Area:

Examples of ground water protection areas

- A well head protection area is a designated area around a drinking water well to help protect the drinking water supply from contamination. Contact your local health jurisdiction to determine if your UIC wells are located in a well head protection area.
- A critical aquifer recharge area (CARA) is defined as the geographic areas "where an aquifer that is a source of drinking water is vulnerable to contamination that would affect its use. Contact your county or city planning department for more information.

D. Table 2: Complete for UIC wells in use after February 3, 2006

Table 2 has to be completed for UIC wells that are built and in use after February 3, 2006. The pretreatment options only remove solids, metals or oils from the stormwater. Other pollutants will not be treated.

Additional information on Table 2 questions can be found in the document G*uidance for UIC Wells that Manage Stormwater,* and located at: http://www.ecy.wa.gov/biblio/0510067.html. If you do not have access to the internet, contact the Ecology's UIC contact for more information. Contact information is at the end of the page.

- Well ID name or number: Enter your identification name or number.
- Check whether a five foot separation exists between the bottom of the UIC well and the top of the water table. Use site-specific information if available, or visit Ecology's Water Resource Well Log Viewer at http://apps.ecy.wa.gov/welllog/ and find a water resource well within a quarter mile of the site to determine the water table elevation in your area.
- Treatment capacity and minimum thickness is verified by either on-site information or by visiting Ecology's Water Resource Well Log Viewer at http://apps.ecy.wa.gov/welllog/ and finding a water resource well within a quarter mile of the site to determine the vadose zone material at your site. If the minimum thickness is not known or is not present, the treatment capacity would be "none".
- Pollutant load of your facility is determined by reviewing the land use around the well or the average daily traffic volume.
- Pretreatment is dependent on how the two prior questions were answered. Table 7.4, in G*uidance for UIC Wells that Manage Stormwater*, must be used to answer this question.
- Selection of pretreatment (if required): Refer to either the Stormwater Management Manual for Eastern or Western Washington depending on the location of the UIC well, http://www.ecy.wa.gov/programs/wq/stormwater/tech.html.

For more information contact:

Underground Injection Control
Washington Dept. of Ecology
P.O. Box 47600
Olympia, WA 98504-7600
Phone: (360) 407-6143
E-mail: maha461@ecy.wa.gov
http://www.ecy.wa.gov/programs/wq/grndwtr/uic/index.html